

## Commodore

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1 REM PLUGGER BY W.PUGH
10 SOUND
20 PRINTTAB(3)"TO LAND THE PLUG IN THE HOLE, PRESS"
30 PRINTTAB(3)"THE LEFT,RIGHT AND DOWN CURSOR KEYS"
40 PRINTTAB(3)"-----PRESS ANY KEY TO START-----"
50 GETKEY$
60 VOL%
70 S=P%
80 SOUND P=P+1:COLOR%,7,3:COLOR4,7,3
90 GO=19
100 RD=INT(37*RND(1))+1
110 COLOR1,8,6
120 CHAR1,8,19,"@ "REM RVS ON,40 SPACES
130 COLOR1,8,5
140 CHAR1,8,20," "REM 40 SPACES
150 COLOR1,8,4
160 CHAR1,8,21," "REM 40 SPACES
170 COLOR1,8,3
180 CHAR1,8,22," "REM 40 SPACES,RVS OFF
190 PRINTTAB(1);"PUG":P%,"SCORE":S
200 CHAR1,60,1,"L":REM SHIFT @ AND L
210 FORQ=2 TO 19:COLOR1,8,5
220 CHAR1,RD,19,"@ "CHAR1,RD,20," "REM RVS ON,2 SPACES,RVS OFF
230 A=INT(2*RND(1))+1:COLOR1,1
240 IFA=1 AND RD>2 THEN RD=RD+1:IFRD>37 THEN RD=RD-1
250 IFA=2 AND RD<37 THEN RD=RD-1:IFRD<2 THEN RD=RD+1
260 CHAR1,RD,19," "CHAR1,RD,20,"@ "REM RVS ON,CONTROL1,2 SPACES,RVS OFF
270 GETD$:IFD$=" "THEN 270
280 CHAR1,60,Q-1," "REM 2 SPACES
290 IFD$=CHR$(157)ANDCO(2)THENCO=CO-1
300 IFD$=CHR$(29)ANDCO(3)THENCO=CO+1
310 CHAR1,60,Q,"L":REM SHIFT@ AND L
320 NEXTQ
330 IFCO=0THENFORQ=1000 TO 700STEP-25:SOUND3,Q,3:NEXTQ
340 IFCO=0THENFORQ=1000 TO 700STEP-25:SOUND1,Q,3:NEXTQ:S=S+1
350 GOTO80

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## Plugger

This game was written for the Commodore Plus 4 but it will also run on the C-16. Instructions are included in the program.

W. Pugh,  
Werribee,  
VIC.

## VZ 200/300

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0 REM THERE ARE MANY DIFFERENT VERSIONS OF CAMEL FOR DIFFERENT
1 REM COMPUTERS.I HAVE CONVERTED CAMEL FOR THE VZ-200 & VZ-300
2 REM ORIGINAL IDEA FROM HEATH USERS GROUP.
3 REM *****
4 REM CAMEL OCCUPIES ABOUT 6K
5 REM 'CAMEL' CONVERTED AND REWRITTEN BY D.MAUNDER COPYRIGHT
6 REM 06/02/89 FOR THE

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7 REM V V V V ZZZZZZ V V
8 REM Z Z V V Z Z Z
9 REM I I V V Z I I
10 REM 2 3 V V Z 2 3
11 REM 0 0 V V Z 0 0
12 REM 0 0 V ZZZZZZ 0 0
13 REM VZ200/VZ300 COMPUTERS
14 REM *****
15 GOSUB214:PRINT" WELCOME TO CAMEL":REM INVERSE
16 PRINT
17 PRINT
18 PRINT" WOULD YOU LIKE INSTRUCTIONS?"
19 PRINT" Y/N"
20 T$=INKEY$
21 IFT$="N"THENGOTO36
22 IFT$="Y"THENGOTO25
23 IFT$<"N"ORT$<"Y"THENGOTO20
24 GOTO20
25 CLS:PRINT" C A M E L":REM INVERSE
26 PRINT
27 PRINT"THE OBJECT OF THE GAME IS TO"
28 PRINT"TRAVEL 200 KILOMETRES ACROSS THE",
29 PRINT"GREAT GOBI DESERT."
30 PRINT"A TRIBE OF KNOCK KNEED DESERT PYGMIES WILL BE ";
31 PRINT"CHASING YOU."
32 PRINT"YOU HAVE TWO LITRES OF WATER WHICH WILL LAST YOU ";
33 PRINT"SIX DRINKS"
34 PRINT:PRINT
35 INPUT" PRESS <RETURN> TO CONTINUE":VZ$:REM INVERSE
36 POKE38777,35:FORB=1TO30
37 PRINT384,"**GOOD LUCK AND GOOD CAMELING**"
38 PRINT384,;
39 PRINT"XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX"
40 NEXTB
41 POKE38777,67:GOSUB213:CLS
42 GOSUB200:PRINT
43 PRINT"YOU ARE IN THE MIDDLE OF THE DESERT AT AN OASIS"
44 GOSUB213
45 IFC>60THEN141
46 Z=Z-1
47 IFZ=1THENPRINT" GET A DRINK"
48 IFZ=0THEN194
49 P=P+1
50 J=RND(10)+2.5
51 IFQ>0THEN111
52 IFF<4THEN60
53 D=D+J
54 IFD<CTHEN59
55 PRINT"THE PYGMIES HAVE CAPTURED YOU.."
56 PRINT"CAMEL & PEOPLE SOUP IS THEIR FAVOURITE DISH !!!"
57 GOSUB210
58 GOTO188
59 PRINT"THE PYGMIES ARE"C-D"KILOMETRES BEHIND YOU.."
60 PRINT"YOU HAVE TRAVELLED"C"
61 PRINT"KILOMETRES 90 FAR..."
62 PRINT:INPUT"WHAT IS YOUR COMMAND?"A$
63 POKE38777,67
64 IFA$="D"THENPRINT"DRINK FROM CANTEEN.":GOTO100
65 IFA$="H"THENPRINT"MODERATE SPEED AHEAD.":GOTO79
66 IFA$="F"THENPRINT"FULL SPEED AHEAD.":GOTO86
67 IFA$="N"THENPRINT"NIGHT STOP.":GOTO94
68 IFA$="S"THENPRINT"STATUS CHECK.":GOTO97
69 IFA$="H"THENPRINT"HOPE FOR HELP":GOTO73
70 IFA$="X"THENPRINT"COMMANDS":GOSUB200:GOTO62
71 PRINT"INVALID COMMAND."
72 GOSUB200:GOTO62
73 T=RND(10)+1
74 IFT(2)THEN140
75 PRINT"HELP HAS FOUND YOU IN A STATE OF UNCONCIOUSNESS"
76 S=3
77 Z=4
78 GOTO45
79 F=F+1
80 IFF=8THEN138
81 GOSUB105
82 I=RND(10)+1
83 C=C+I
84 PRINT"YOUR CAMEL LIKES THIS PACE."
85 GOTO45
86 F=F+3
87 IFF>7THEN138
88 GOSUB105
89 I=2*RND(10)+1
90 C=C+I
91 PRINT"YOUR CAMEL IS BURNING ACROSS THEDESERT SANDS.."
92 PRINT
93 GOTO45
94 PRINT"YOUR CAMEL THANKS YOU!!!"
95 F=0
96 GOTO45
97 PRINT"YOUR CAMEL HAS"7-F"GOOD DAYS LEFT FOR TRAVELLING."
98 PRINT"YOU HAVE"S"DRINKS LEFT IN YOUR CANTEEN"
99 PRINT"YOU CAN GO"Z"COMMANDS WITHOUT DRINKING.."
100 S=S-1
101 IFS<8THEN140
102 PRINT"YOU HAD BETTER WATCH OUT FOR AN OASIS."
103 Z=4
104 GOTO62
105 A=RND(20)
106 IFA>3THEN131
107 PRINT"WILD BERBERS ARE HIDDEN IN THE SAND HAVE CAPTURED YOU"

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108 PRINT"LUCKILY THE LOCAL SHEIK HAS AGREED TO THEIR "
109 PRINT"DEMANDS .....BUT.....WATCH OUT FOR THE PYGMIES!!!"
110 PRINT"YOU HAVE A NEW CHOICE OF SUB- COMMANDS:"
111 PRINT"KEY DESCRIPTION"
112 PRINT" E ATTEMPT AN ESCAPE."
113 PRINT" W WAIT FOR PAYMENT."
114 INPUT"YOUR SUB-COMMAND ??":B$
115 IFB$="E"THENPRINT"ESCAPE."GOTO118
116 IFB$="W"THENPRINT"WAIT FOR PAYMENT."GOTO126
117 GOTO114
118 I=RND(10)+1
119 IFI<5THEN123
120 PRINT"CONGRATULATIONS, YOU SUCCESS- FULLY ESCAPED!!"
121 A=0
122 GOTO45
123 PRINT"YOU WERE MORTALLY WOUNDED BY A PIG STABBER WHILE"
124 PRINT"ESCAPING."
125 GOTO166
126 I=RND(10)
127 IFI>5THEN148
128 PRINT"YOUR RANSOM HAS BEEN PAID AND YOU ARE FREE TO GO.."
129 PRINT"THE LOCAL SULTAN IS COLLECTING...JUST WAIT...."
130 GOTO45
131 A=RND(10)+1
132 IFA>4THEN148
133 PRINT"YOU HAVE ARRIVED AT AN ORSIS....YOUR CAMEL IS "
134 PRINT"FILLING YOUR CANTEEN AND EATING FIGS"
135 Z=4
136 S=6
137 RETURN
138 PRINT"YOU DIRTY RASCALLION!!YOU RAN YOUR POOR CAMEL TO"
139 PRINT" DEATH!!"
140 GOTO166
141 PRINT"*****";
142 PRINT"*YOU WIN,A PARTY IS BEING GIVEN*";
143 PRINT"*IN YOUR HONOR....THE PYGMIES *";
144 PRINT"*ARE PLANNING TO ATTEND..... *";
145 PRINT"*****";
146 FORT=1T06:SOUND0,2:SOUND23,2:SOUND0,2:NEXTT
147 GOTO188
148 I=RND(10)
149 IFI>5THEN160
150 PRINT"YOU HAVE BEEN CAUGHT IN A SAND- STORM....GOOD LUCK!!"
151 M=RND(10)+1
152 N=RND(10)+1
153 IFN<5THEN156
154 C=C+M
155 GOTO157
156 C=C-M
157 PRINT"YOUR NEW POSITION IS"C"KILOMETRES SO FAR!!"
158 PRINT"THE PYGMIES ARE"C-D"KILOMETRES BEHIND YOU"
159 RETURN
160 I=RND(10)
161 IFI>5THENRETURN
162 D=D+1
163 PRINT"YOUR CAMEL HURT HIS HUMP."
164 PRINT"LUCKILY THE PYGMIES WERE FOOT- WEARY!!!"
165 RETURN
166 U=RND(5)
167 PRINT"*****";
168 PRINT"*** YOU DIED IN THE DESERT ***";
169 PRINT"*****";
170 GOSUB210
171 IFU=1THENGOTO176
172 IFU=2THENGOTO179
173 IFU=3THENGOTO181
174 IFU=4THENGOTO184
175 IFU=5THENGOTO187
176 PRINT"THE NATIONAL CAMELS UNION ISN'T"
177 PRINT"COMING TO YOUR FUNERAL"
178 GOTO188
179 PRINT"YOUR BODY WAS EATEN BY VULTURES & IMPORTED CANNIBALS"
180 GOTO188
181 PRINT"THE LOCAL SHEIK NOW USES YOUR SKULL AS A CHANGE"
182 PRINT"PURSE!!!!!!!"
183 GOTO188
184 PRINT"PEOPLE WITH LITTLE INTELLIGENCE SHOULD STAY OUT OF"
185 PRINT"THE DESERT."
186 GOTO188
187 PRINT"TURKEYS SHOULD FLY,NOT RIDE , CAMELS!!!"
188 PRINT"PRINT"
189 PRINT"WANT A NEW CAMEL AND A NEW GAME"A$=INKEY$
190 A$=INKEY$
191 IFA$="N"THENGOTO196
192 IFA$="Y"THENGOTO36
193 GOTO190
194 PRINT"YOU RAN OUT OF WATER....SORRY"
195 GOTO166
196 PRINT"*****";
197 PRINT"***** CHICKEN *****";
198 PRINT"*****";
199 FORT=1T02000:NEXT:POKE36845,199
200 PRINT" COMMANDS"REM INVERSE
201 PRINT"KEY DESCRIPTIONS"
202 PRINT" D DRINK FROM YOUR CANTEEN"

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203 PRINT" F AHEAD FULL SPEED"
204 PRINT" M AHEAD MODERATE SPEED"
205 PRINT" N STOP FOR NIGHT"
206 PRINT" S STATUS CHECK"
207 PRINT" H HOPE FOR HELP"
208 PRINT" * LIST OF COMMANDS"
209 RETURN
210 FORT=1T03:SOUND1,2:SOUND0,2:SOUND0,2:NEXTT
211 SOUND 1,6
212 RETURN
213 Z=4:S=6:C=0:D=0:F=0:P=0:Q=0:RETURN
214 POKE36777,67:CLS:COLOR8
215 PRINT0,"";
216 PRINT0480,"";
217 FORB=32T0448STEP32
218 PRINT0B," ";
219 PRINT0B+31,"I ";
220 NEXTB
221 POKE29183,184
222 PRINT032,"
223 RETURN

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## Camel

Camel is a popular game that is played by many people. There are many versions of the game. This is one. Instructions to play are included in the program.

**D. Maunder,  
Quirindi,  
NSW.**

Feed Forward needs your minds. If you have ideas for circuits that you would like to enter in our idea of the month contest, programs for the computing columns or just want a word with the editor, send your thoughts to:

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Programs **MUST** be in the form of a listing from a printer. You should indicate which computer the program is for. Letters should be typewritten or from a printer, preferably with lines double spaced. Circuits can be drawn roughly, because we have a draughtsman who redraws them anyway, but make sure they are clear enough for us to understand.

## 'Idea of the month' contest

Scope Laboratories, which manufactures and distributes soldering irons and accessory tools, is sponsoring this contest with a prize given away every month for the best item submitted for publication in the 'Ideas for Experimenters' column — one of the most consistently popular features in ETI Magazine. Each month, we will be giving away a Scope Soldering Station (model ETC80L) worth approximately \$191.

Selections will be made at the sole discretion of the editorial staff of ETI Magazine.



CHUM!!